GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:320
ANSWERED ON:27.02.2008
PROPOSAL TO LAUNCH A SATELLITE ADITYA BY ISRO
Badiga Shri Ramakrishna

Will the Minister of SPACE be pleased to state:

(a) whether ISRO is planning to launch a satellite called Aditya to study the sun;

(b) the details of study that Aditya is going to carry out; and

(c) the extent to which the proposed study is likely to help ISRO's satellites?

Answer

MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN):

(a) Yes, Sir.

(b) ADITYA will carry an instrument intended to study the outmost region of the sun called corona. It will also study the coronal mass ejection and the crucial physical parameters of space weather, such as, the coronal magnetic field structures and evolution of the coronal magnetic field.

(c) The mission is intended to enhance the scientific knowledge of the Sun's radiation and the continuous monitoring of the Sun's atmosphere. This data will also help to design the satellites to withstand adverse effects of Solar environment.